



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
**Govind Ballabh Pant University of Agriculture & Technology**



Udham Singh Nagar, Pantnagar, Uttarakhand

## Agromet Advisory Bulletin

Date : 22-02-2022

Weather Forecast of District UDAMSINGH-NAGAR(Uttarakhand) Issued On : 2022-02-22(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-02-23	2022-02-24	2022-02-25	2022-02-26	2022-02-27
Rainfall(mm)	2.0	2.0	0.0	0.0	0.0
Tmax(°C)	25.0	26.0	26.0	26.0	26.0
Tmin(°C)	10.0	9.0	8.0	7.0	7.0
RH-I(%)	85	85	80	80	80
RH-II(%)	55	55	50	50	50
Wind Speed(kmph)	10.0	10.0	8.0	8.0	6.0
Wind Direction(Degree)	120	120	120	100	90
Cloud Cover(Octa)	4	3	1	1	1

### Weather Summary/Alert:

In the last seven days (15 – 21 Feb, 2022), there was 0.0 mm rain and the sky was Clear to p-cloudy. The maximum & minimum temperatures ranged between 22.0 to 24.0°C and 5.4 to 8.4°C respectively. Relative humidity ranges from 91 to 94 % at 0712 hrs and 32 to 50 % at 1412 hrs. The wind was mainly from the WNW & WSW with a speed of 1.3 to 11.4 km/hour. There is a forecast of very light rain at isolated places on 22 & 23 Feb otherwise weather will remain clear in the coming five days. Maximum & minimum temperature may range from 25.0 to 26.0 deg C & 7.0 to 10.0 deg C respectively. Wind will blow with a speed of 6.0-10.0 km/hr from the ESE & E direction. As per ERF, the rainfall will be above normal and maximum & minimum temperature will be normal in the state from 27 Feb to 05 March.

### General Advisory:

Farmers are advised to download the “Meghdoot App” to get past week weather, weather forecast, and agromet advisory and "Damini App" to get lightning information. Meghdoot and Damini Apps can be downloaded from the google play store (Android users) and App Center (IOS users).

### SMS Advisory:

There is a forecast of very light rain at isolated places on 22 & 23 Feb otherwise weather will remain clear. Irrigation and spraying of chemical should be applied based on weather forecast.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
WHEAT	On the occurrence of aphid in wheat, spray the solution of Thiomethaxam 25 WSG @ 100 ml/ha or Imidacloprid 17.8 SL @ 140 ml/ha in 500-600 liters of water. Do second spray at an interval of 15 days. Spray should be done in the morning or evening hours when there is no rain or strong wind. In the timely sown wheat crop, irrigate should be applied at flowering stage based on weather forecast.
SUGARCANE	Sowing of spring season sugarcane crop should be completed till 15 March.
MUSTARD	On the highly occurrence of aphid in mustard, Methyl-o-demeton 25 ec @ 1.5 lit/ha or malathion 50 ec @ 2.0 lit/ha should be sprayed by keeping in view the weather forecast.
WHEAT	On the occurrence of rust in wheat crop, solution of Propiconazole 25 EC @ 1ml/liter of water should be sprayed by keeping in view the weather forecast.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	If Mango mealy bug appeared in the mango trees then cut and separate it and put it in the pit, cover with soil. Last year Gumba baur or Mango mal formation and leaves which are highly affected by powdery mildew should be destroyed by plucking.
TOMATO	In case of late blight, spray Mancozeb 64% + cymoxanil 8% WP @ 2.5gm per litre by keeping in view the weather forecast.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	To prevent chicken pox disease in sheep and goats, vaccination of sheep/goat pox should be done in the animals.